

## EVALUATION OF KAMCHATKA MAP COVERAGE (JANIS 78)

U.S.S.R. 1:2,500,000 Chief Administrator of Geodesy and Cartography 1938. Two sheets covering all of Kamchatka peninsula. Drainage is shown in detail, but relief is not indicated. Text is in Russian. This series is considered reliable for a small scale map.

Eastern Asia 1:1,000,000 Army Map Service (AMS 5301) 1944. Six sheets covering all of Kamchatka peninsula. Relief is shown by gradient tints and form lines. These sheets are compiled from available Russian and Japanese sources. Principal roads and railroads are corrected from intelligence reports to 1943. Topography is not accurate. Culture is fairly accurate for the date.

The following maps were compiled by MIS from various maps and intelligence reports, are classified "secret", and are available through MIS, G-2:

1. Kamchatka 1:1,000,000 MIS, G-2 July 1943.
  - a. Strategic Map.  
Black and white sheet showing drainage pattern, principal mountain ranges, volcanoes, roads and trails, spot elevations, and off-shore water depths.
  - b. Economic Map--No relief shown.
  - c. Vegetation Map--Vegetation shown by hatching.
  - d. Terrain Map (Generalized)--relief shown by contours and shades of gray.
  - e. Coastal Conditions.
2. Southern Kamchatka 1:500,000 MIS, G-2 1943.  
Relief is shown by spot elevations. These maps are considered reliable.

Map of Volcanoes of Kamchatka 1:750,000 State Cartographic Institute 1926. Drawn by N. Kell and published in 1938. Relief is shown by contours and spot elevations. Considered one of the most reliable and important sources for the topography of Kamchatka Peninsula.

Japanese Naval Air Charts 1:500,000 Imperial Japanese Navy 1941. One sheet covers Kamchatka south of 50°20' N. Relief is shown by gradient tints, hill shading, and spot elevations. This set was compiled from Japanese sources with corrections from Japanese Hydrographic Charts to 1938. It was reprinted and issued in 1941 by AMS with airfield and seadrome information corrected to 1940, and has a somewhat inaccurate English transliteration overprint.

Northern Kamchatka Route Map.

Rekinskaya Bay to Korf Bay 1:570,000 office of Strategic Services 1943. From a map by S. F. Mashkovtsev in the transactions of the Geological Prospecting Service of the U.S.S.R., Fasc.59, 1931. Topography is shown by form lines. This map is based on actual survey and therefore considered reliable.

Kamchatka Province 1:443,520 C.W. Purington, M.I.M.M. 1921. Plan of northwest shore of Okotsk Sea based on personal observation. Mountain ranges are shown by hachures. Based on actual survey work and therefore, is probably fairly reliable.

Geological Map of the District of Khabarovsk 1:200,000 transactions of the United Geological and Protecting Series - Nos. 191-194, 1932. Detailed relief shown by contours and spot elevations. Russian and English text. This map is based on expeditionary work and therefore considered reliable.

Kamchatskaya Oblast 1:72,862 Russian Hydrographical Expedition of the Pacific Ocean 1922.

Preliminary sketch map of the Okotsk gold district. Compiled from available sources up to 1922. Relief is shown by contour lines and spot elevations. Text is in English. Probably fairly reliable.

\*JCS review completed\*